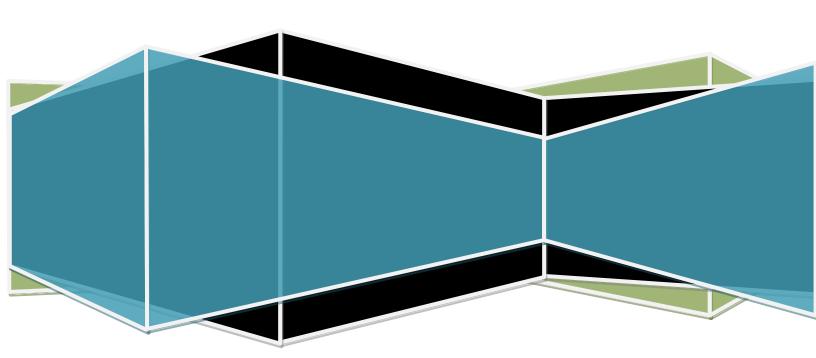
# **VERIP** Guide

Virginia Electronic Registration for Immunization Programs



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## Introduction

## What is VIIS?

The Virginia Immunization Information System (VIIS) is a confidential, web-based immunization registry for the state of Virginia. VIIS is able to perform a variety of functions for health care providers including:

- Maintain computerized immunization records on all of their patients;
- Record immunizations, contraindications, and reactions on patient records;
- Validate immunization histories and provide immunization recommendations;
- Produce reminder recall notices when their patients are due or overdue for immunizations;
- Generate vaccine usage and client reports;
- Manage vaccine inventory.

All VIIS Organizations are required to register in VERIP and sign the security agreements. Providers are required to attend a VIIS training session before login credentials are given.

### What is VERIP?

VERIP (Virginia Electronic Registration for Immunization Programs) is a web-based registration system for the Division of Immunization. Providers must complete a registration in VERIP before access to VIIS (Virginia Immunization Information System) is granted. The registration must be renewed annually in order to maintain VIIS access.

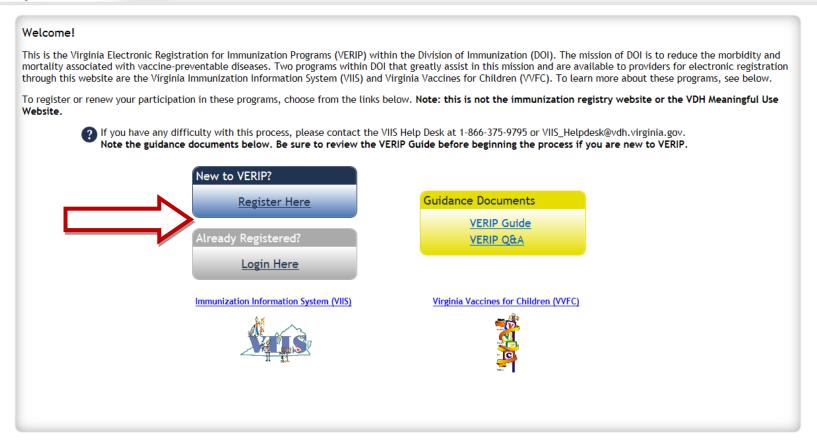
## Homepage

All first time users must create an account by clicking the **Register Here** button.

Once an account has been created, a user can access her registration(s) by clicking on the Login Here button.



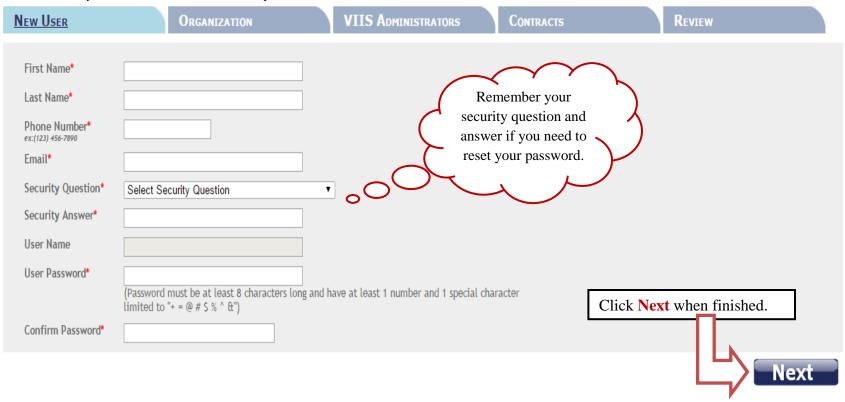
## Virginia Department of Health - VERIP Registration System



## Create User Account

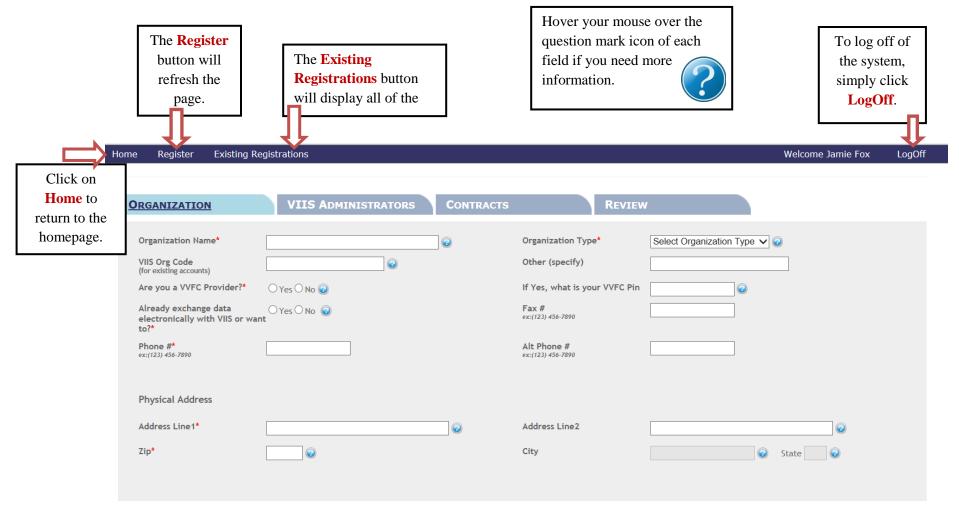
The user must fill-in all fields. Your User Name will be created for you as it is the same as your email address.

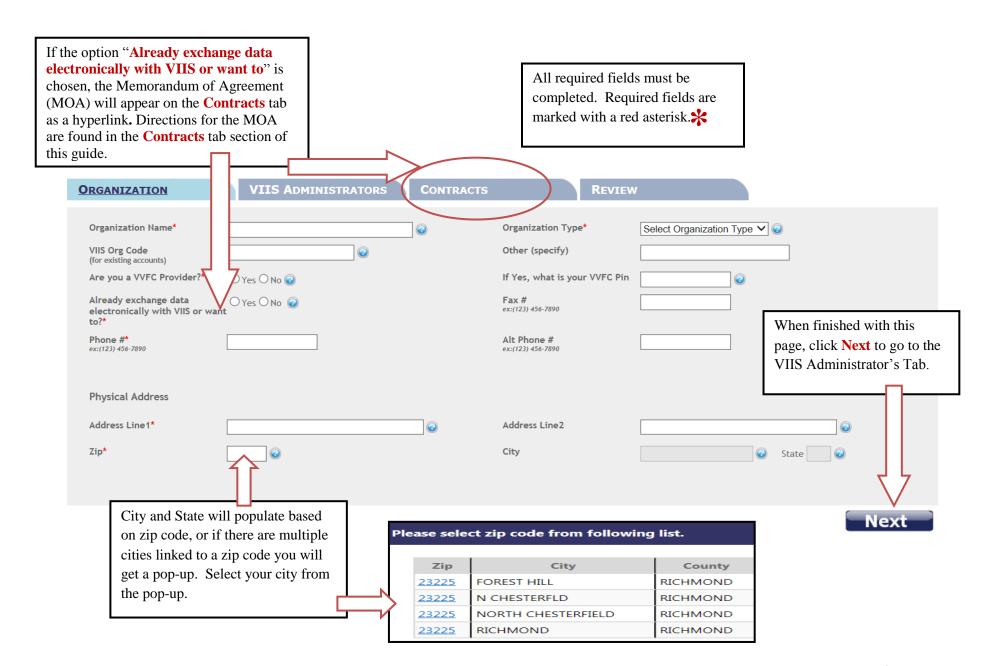
**NOTE:** An email address can only be used by one person. VDH will not use your email address for any other purpose other than using VIIS and will not share your email address with third parties.



## Organization Tab

Once the user account is created, the user is automatically logged into VERIP. Note **Welcome Jamie Fox** text in the menu bar. User Jamie Fox can now edit her user account information by clicking on **Welcome Jamie Fox** (the user's name). There are other interactive buttons on the menu bar. See below what these buttons can do.



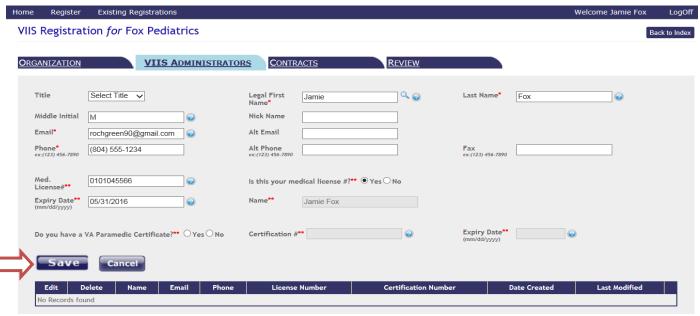




### VIIS Administrator Tab

This tab is for the user to add the contact(s) at the practice who will serve as VIIS Administrator. The VIIS Administrator is the primary contact for those using VIIS at an organization. The VIIS Administrator is expected to keep track of all staff using VIIS, and ensuring they are up-to-date on confidentiality and security agreements, and training. VIIS Administrators are expected to reset passwords, reactivate and inactivate accounts, and either train his or her staff, or schedule a training with VIIS staff. The VIIS Administrator can be a doctor at a practice, but it is usually a nurse, office manager, or other clinical staff member who can dedicate the time needed to serve as VIIS Administrator.

- All required fields must be completed. The required fields are marked with a **red** asterisk.
- VERIP has a validation mechanism for the Medical License Number (MLN) that checks for
  corresponding MLNs and warns users if there is a mismatch. Otherwise the system will populate
  the corresponding expiration (expiry) date and name on record with the Virginia Department of
  Health Professions. *Note:* MLN includes MD, DO, NP, RN, LPN, etc...
- Enter the information in the required fields and click Save.



- The VIIS Administrator's information is then displayed in the grid at the bottom of the page (example below).
- If you have more than one VIIS Administrator, repeat the above steps to create a new row for the subsequent VIIS Administrators.
- Click Next once all VIIS Administrators have been saved to the registration.



## Contracts

If the User completing this registration will also be the VIIS Administrator (highly likely), he will need to "sign" his Security and Confidentiality Agreements on the Contracts tab. If this is the case, the Security and Confidentiality Agreements will be hyperlinks and appear in blue font and will be underlined. These links can be clicked, reviewed, signed and submitted.

Examples of these agreements are below.

**NOTE**: Each VIIS Administrator must sign Security and Confidentiality agreements before access is given to use VIIS.



## Example A – Security and Confidentiality Agreement

- a. The VIIS Administrator should scroll down the page of the VIIS Security Policy and User Confidentiality Agreement to read the entire document. To see the full text of the agreement, please send the Appendix.
- b. The "I Agree" box must be checked and the VIIS Administrator must type his name in the "Signed by" box. You will receive a warning if both steps are not completed.
- c. When completed, click the **Accept** button.



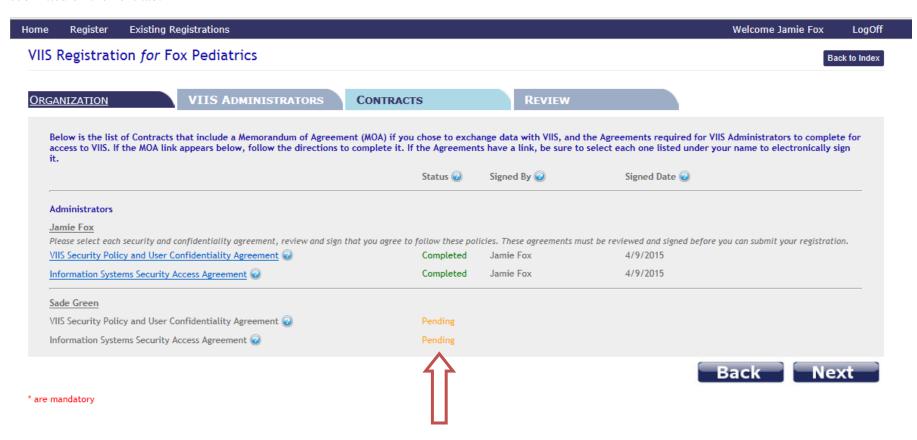
## Example B – Information Systems Security Access Agreements

- a. The VIIS Administrator should scroll down the page of the VIIS Security Policy and User Confidentiality Agreement to read the entire document.
- b. The "I Agree" box must be checked and the VIIS Administrator must type his name in the "Signed by" box. You will receive a warning if both steps are not completed.
- c. When completed, click the **Accept** button.



Once each contract is signed, a status of **Completed** will appear with the name and date of the VIIS Administrator as entered into the form. If the contract is not signed, the status will remain as **Pending**.

VIIS Administrators whose contracts are not hyperlinked will have their contracts e-mailed to them automatically once the registration is submitted on the next tab.



## Example C – Memorandum of Agreement

If the option "Already exchange data electronically with VIIS or want to" is chosen on the **Organization** Tab, the Memorandum of Agreement (MOA) will appear on the **Contracts** tab as a hyperlink.



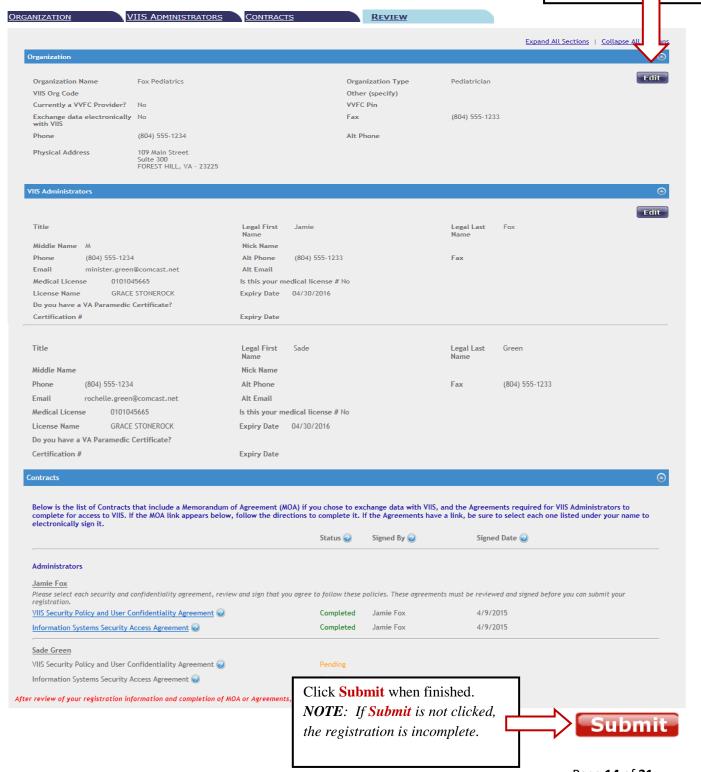
- 1. Click the Memorandum of Agreement (MOA) hyper link to open the MOA in a separate window.
- 2. Print the MOA from the separate window, and close the MOA, returning to the registration system.
- 3. Complete and fax MOA to VIIS Staff at 804-864-8190.
- 4. Once the MOA is received by VIIS Staff, the status will be updated from **Pending** to **Completed**.

An example of the MOA can be found in the Appendix.

## **Review Registration**

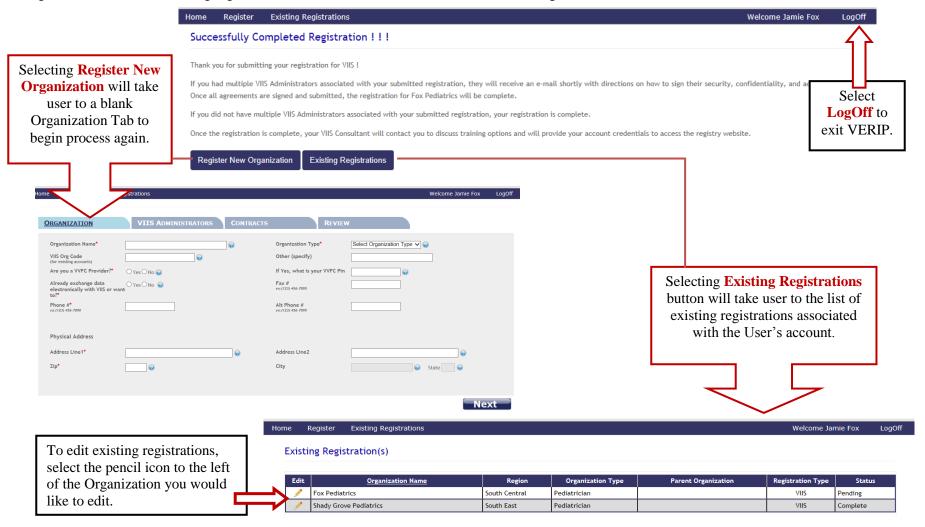
Users can review the registration on the **Review** tab before submitting it.

If a section needs editing, click on the **Edit** button to the right of the screen for each section that needs editing.



## **Registration Submission**

When the registration has been submitted successfully, the below message appears. The User now has three options: to register a new organization, to review existing registrations associated with the User's account, or to Log Off if no more action is needed.



## **APPENDIX**



# Commonwealth of Virginia Department of Health Information Systems Security Access Agreement

As a user of the Virginia Department of Health (VDH) information systems, it is understood and agreed, to abide by VDH Security Policy and the following terms, which govern access to and use of, the information and computer services of VDH.

Access is being granted by VDH as a necessary privilege in order to perform authorized service functions for VDH. Passwords and logon IDs should not be shared. It is prohibited to use or knowingly permit use of any assigned or entrusted access control mechanisms (such as Logon IDs, passwords, terminal IDs or file protection) for any purposes other than those required to perform authorized service functions. It is agreed that passwords will be changed immediately if they are compromised and notification will be sent to the Office of Information Management (OIM). No passwords will be incorporated into any sign-on software.

If, due to authorized job functions, access is required to information on VDH information systems, which is not owned by the contracting division, written authorization for access to that information must be obtained from the information owner and presented to OIM.

It is agreed to not disclose any confidential, restricted or sensitive data to unauthorized persons. It is agreed to not disclose information concerning any access control mechanism of which we have knowledge unless properly authorized to do so, and we will not use access mechanisms, which have not been expressly assigned. VDH systems will not be used for commercial or partisan political purposes, such as using electronic mail to circulate advertising for products or for political candidates or issues.

We agree to abide by all applicable Federal and Commonwealth of Virginia Laws, and VDH agency policies, procedures and standards that relate to the security of VDH information systems and the data contained therein.

If incidents of non-compliance or data breach with the terms of this agreement are observed, we are responsible for immediately reporting them to the information Security Officer and management of VDH.

Consent is given to the monitoring of all activities on VDH information systems, and any other systems accessed through VDH systems.

By accepting this agreement, it is hereby certified that we (the contracting vendor) understand the preceding terms and provisions and that we accept the responsibility of adhering to the same. We further acknowledge that any infractions of this agreement can and will result in actions being taken according to Federal and State Laws governing Information Systems Protection, including but not limited to the termination of access privileges and or criminal prosecution.

## VIIS Security Policy and User Confidentiality Agreement

#### **VIIS Information:**

The Code of Virginia, § 32.1-46.01 authorizes the Virginia Immunization Information System (VIIS), a statewide immunization information system that manages electronic immunization records. This policy states behaviors required of VIIS users, Virginia Department of Health (VDH), and Division of Immunization (DOI) to protect the confidentiality, privacy and accuracy of client information. VIIS is consistent with the Department of Health and Human Services and the Health Insurance Portability and Accountability Act (HIPAA) of 1996. Authorized users of VIIS will include:

- Health care provider or health plans
- Schools or other organizations that provide health care services
- Individuals or organizations as required by law or in the management of a public health crisis
- Other immunization registries

The review of this policy must involve the participation of representatives from the private and public health care sectors

#### **VDH/DOI** Host Site Security:

- The system will force users to change their password every 90 days
- The VIIS system will time-out after 30 minutes
- The VIIS system will maintain an audit trail for all information accessed
- VDH/HP will conduct a self-assessment of the potential risks and areas of vulnerability regarding VIIS and will develop, implement, and maintain appropriate security measures on an ongoing basis.
- The release of immunization information shall be for statistical purposes or for studies that do not identify individuals
- VDH/DOI will work with interested data exchange partners through Data Exchange steps outlined in MOA

#### **Provider/ User Security:**

- Access to VIIS information is authorized under the condition that it is required to perform my job function
- All VIIS users will be required to sign a Confidentiality/ Security Agreement with VDH
- Each user must renew the user confidentiality/security agreement every year
- Each user is responsible for maintaining confidentiality
- The user has the obligation to act on any request by an individual to opt out of VIIS. If the patient elects to opt out, the provider should promptly mark the record in VIIS as Do Not Share, so that only that provider may view the client's immunization records
- The user will make a reasonable effort to ensure the accuracy of all immunization and demographic information entered or edited
- Virus protection is recommended for each client site
- User desktops/laptops must have physical security and password screen savers when not being used by authorized individuals
- Users will terminate the VIIS application prior to leaving the VIIS workstation
- An ID and Password are required to access VIIS
- Users will not share or disclose their ID or Password to anyone
- VIIS records will be treated with the same vigilance, confidentiality, and privacy as any other patient medical record
- Participants in data exchange shall provide an acceptable level of data quality, such as correct data fields, data accuracy and enough information to correctly merge with existing clients. Upon initial data delivery, and periodically thereafter, data shall be reviewed to determine data quality. Any rejected records shall

- be resolved by the participant in a timely way. VDH may suspend system privileges and refer to Virginia Code § 32.1-27 for additional action for any organization that submits inaccurate data
- Any inappropriate use of VIIS data shall result in immediate suspension of user privileges and result in an investigation conducted by VDH. Additional actions may be taken in accordance with Virginia Code § 32.1-27. The VIIS program manager may reinstate privileges upon satisfactory completion of required remedial actions and guarantee of proper use of VIIS in the future

### **Administrator Policy:**

As VIIS Administrator, it is my responsibility to ensure my VIIS users:

- Are actively employed with their organization.
- Need access for his or her job.
- Have been assigned the correct role.
- Have read and agreed to the VIIS Security and Confidentiality Agreements.
- Have signed VIIS user Security and Confidentiality Agreements are maintained in a secure location.

I have read and agree to the security policy and certify all user accounts in VIIS are in accordance with the above statements.

Company/Organization Name (Print)	
<u>Primary Administrator</u>	
Name:	_
Signature:	Date:
Secondary Administrator(If applicable)	
Name:	-
Signature:	Date:
<u>Tertiary Administrator(If applicable)</u>	
Name:	-
Signature:	Date:

#### **Memorandum of Agreement**

## Instructions for Data Exchange with Virginia Department of Health/Division of Immunization for the Virginia Immunization Information System (VIIS).

Thank you for considering data exchange with VIIS. VIIS is a free, web-based computerized system used for combining information regarding vaccinations for individuals of all ages into one definitive, accurate record. VIIS (which is accessible to licensed healthcare professionals only) receives data from a number of sources including local health departments, private providers, healthcare plans, schools, health systems and FQHC/RHCs. Data can be submitted electronically in either flat file or HL7 file format. VIIS users can also access and/or upload data through the user interface of the system.

#### **Data Exchange Steps**

- 1. Contact from Provider/EHR/Health Plan of interest.
- 2. Ensure Provider/EHR/Health Plan has File Specifications. In addition to the required fields, we have noted preferred fields that contribute more information that prevents duplicate records in VIIS. It is strongly recommended that you send these fields as well as those that are required.
- 3. Complete Registration Process and MOA:
  - a. Review and Consent to Information Systems Security Access Agreement;
  - b. Review and Consent to VIIS Security Policy and User Confidentiality Agreement;
  - c. Review, sign and fax MOA to VIIS Staff: 804-864-8190.
- 4. VDH will review MOA with Provider/EHR/Health Plan.
- 5. Provider/EHR/Health Plan supplies non-personal health information sample file for VDH to approve format of file.
- 6. Provider/EHR/Health Plan supplies sample file with personal health information straight from EHR system for VDH to approve content of file.
- 7. Provider/EHR/Health Plan discusses transport options and finalizes transport decision.
- 8. Provider/EHR/Health Plan has first successful submission VDH monitors pendings and rejections and will contact IT/Clinical Contact as necessary.
- 9. Once patient data is received, VDH will place the data on our secure server that is shared with HP (our contractor for VIIS).
- 10. VDH to provide quarterly report on data exchange activity.

#### **Data Exchange Responsibilities**

#### VDH/DOI agrees to:

- work with the organization to resolve all data exchange issues;
- perform a HEDIS match of client immunizations in VIIS on a yearly basis\*; and
- handle and maintain all information in a confidential and secure manner, even after termination or expiration of this agreement.

## The organization agrees to:

- specify the method and record format for data exchange with VIIS;
- designate an IT contact who will work with VDH to resolve all system or data problems;
- appoint a clinical contact to resolve client record issues (possible duplicates); and
- handle and maintain all information in a confidential and secure manner, even after termination or expiration of this agreement.

<sup>\*</sup>Health Care Plans that perform DE with VIIS will be given priority in having their HEDIS report run before non-participating organizations.



# Memorandum of Agreement between Virginia Department of Health/Division of Immunization (VDH/DOI) and VIIS Organization interested in Data Exchange.

-	-		-	_	a Immunization Information DE) with other organizations
to provide a com	nplete immunizati	ion record in VIIS. T	The purpose of this	s MOA is to author	rize data exchange between de patient demographic and
immunization in			Data	Stidieu wiii inciuu	e patient demographic and
IT Contact:			Phone/E-m	nail:	
Clinical Contact:			Phone/E-mail:		
Name of Electro	nic Health Record	/Billing System:			
l,			_, as Data Owner, <sup> </sup>	have authority to a	approve access to shared data
to VDH and VIIS.	. This MOA shall I	be effective on	/ / , and	remain in effect u	intil either party provides the
other with writte agreement.	en notice of its int	ention to terminat	:e. This MOA may	v be amended at a	ny time by written mutual
(Signature of Sig	;ning Authority)		(Date)		
(Name of VDH Signing Authority)			(Signature of VD	OH Signing Authorit	ty) (Date)
Please Fax to VIIS Staff at 804-864-8190 or			Mail to VIIS Staff: 109 Governor Street Rm 314W Richmond, VA 23219		
		Com	pleted by VDH		
Direction of da Transport: Approved: Frequency:	ata flow will be:  SFTP Format Real Time Other	•	☐ VIIS to PO☐ HTTPS☐ Transport☐ Daily	☐ Bidirectional ☐ DX Module ☐ Weekly	☐ Other:
Date DX goes liv	/e:	VDH St	taff:		

